

FORM PTO-1449  6/11/01	ATTY. DKT NO.	01-157	SER. NO.	09/877029
	APPLICANT KIKKAWA et al.			
	FILING DATE	June 11, 2001	GROUP	2661

JC971 U.S. PAT. 09/877029  
06/11/01

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
TP	1	5,343,470 (discussed on p.3 of spec)	8/30/94	Hideshima et al.	—	—
TP	2	4,779,092	10/18/88	Takao	—	—

## FOREIGN PATENT DOCUMENTS

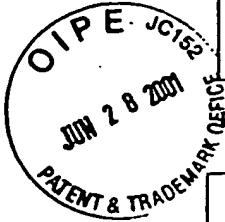
## TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
TP	3	JP-A-H4-63744	2/28/92	JAPAN	—	—	—	X	
TP	4	JP-A-4-310444	11/2/92	JAPAN	—	—	—	X	
TP	5	JP-A-7-327044	12/12/92	JAPAN	—	—	—	X	

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	<i>J. J. J.</i>	DATE CONSIDERED 10/20/04

FORM PTO-1449	ATTY. DKT NO.	01-157	SER. NO.	09/877029
	APPLICANT			
	KIKKAWA et al.			
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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
TP	1	5,856,976 (discussed on p.2 of spec.)	1/5/99	Hirano	—	—
TP	2	5,751,952	5/12/98	Dai et al.	—	—
TP	3	5,655,079	8/5/97	Hirasawa et al.	—	—

## FOREIGN PATENT DOCUMENTS

## TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
TP	4	JP-A-5-276165	10/22/93	JAPAN	—	—	—	X	
TP	5	JP-B2-2501450	3/13/96	JAPAN	—	—	—	X	

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED 10/20/04



FORM PTO-1449	ATTY. DKT NO.	01-157	SER. NO.	09/877,029
	APPLICANT	KIKKAWA		
	FILING DATE	June 11, 2001	GROUP	2661

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
TP	1	6,400,729	Jun 4, 2002	Shimadoi et al.	<b>RECEIVED</b> OCT 07 2003 Technology Center 2600	

## FOREIGN PATENT DOCUMENTS

								TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
TP	2	JP-A-H03-283842	12/13/91	JAPAN	—	—	—	X (Abstract)	

\* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office)  
English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER		
DATE CONSIDERED		10/20/04

FORM PTO-1449	ATTY. DKT NO. <b>01-157</b>	SER. NO. <b>09/877,029</b>
APR 13 2004 PATENT & TRADEMARK OFFICE	APPLICANT <b>Kikkawa, et al.</b>	
	FILING DATE <b>June 11, 2001</b>	GROUP <b>2661</b>

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
TP	1	5,856,976	01/05/99	Hirano	—	—
TP	2	5,926,479	07/20/99	Baran	—	—
TP	3	5,640,399	06/17/97	Rostoker, et al.	—	—

## FOREIGN PATENT DOCUMENTS

## TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
TP	4	0 484 212	10/25/91	France	—	—	—	—	X

\* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

TP		French Office Action dated February 23, 2004	<b>RECEIVED</b> <b>APR 14 2004</b>
			<b>Technology Center 2600</b>
EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	<i>10/20/04</i>